

In the Claims:

1-123. (Canceled)

- ✓ 1. ~~124~~. (Previously presented) An isolated polypeptide comprising:
- (a) the amino acid sequence of the polypeptide of ~~SEQ ID NO: 377~~;
 - (b) the amino acid sequence of the polypeptide of ~~SEQ ID NO: 377~~, lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092.

- ✓ 2. ~~125~~. (Previously presented) The isolated polypeptide of Claim ~~124~~¹ comprising the amino acid sequence of the polypeptide of ~~SEQ ID NO: 377~~.

- ✓ 3. ~~126~~. (Previously presented) The isolated polypeptide of Claim ~~124~~¹ comprising the amino acid sequence of the polypeptide of ~~SEQ ID NO: 377~~, lacking its associated signal peptide.

127-128. (Canceled)

4. ~~129~~. (Previously presented) The isolated polypeptide of Claim ~~124~~¹ comprising the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092.

5. ~~130~~. (Previously presented) A chimeric polypeptide comprising a polypeptide according to Claim ~~124~~¹ fused to a heterologous polypeptide.

6. ~~131~~. (Previously presented) The chimeric polypeptide of Claim ~~130~~⁵, wherein said heterologous polypeptide is an epitope tag or an Fc region of an immunoglobulin.

132. (Previously presented) An isolated polypeptide having at least 80% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;
- wherein said polypeptide induces chondrocyte redifferentiation.

133. (Previously presented) The isolated polypeptide of Claim 132 having at least 85% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;
- wherein said polypeptide induces chondrocyte redifferentiation.

✓ 7. ~~134.~~ (Previously presented) ~~The isolated polypeptide of Claim 134~~ having at least 90% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;
- wherein said polypeptide induces chondrocyte redifferentiation.

8. ~~135~~. (Previously presented) The isolated polypeptide of Claim ~~132~~⁷ having at least 95% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;
- wherein said polypeptide induces chondrocyte redifferentiation.

9. ~~136~~. (Previously presented) The isolated polypeptide of Claim ~~132~~⁷ having at least 99% amino acid sequence identity to:

- (a) the amino acid sequence of the polypeptide of SEQ ID NO: 377;
 - (b) the amino acid sequence of the polypeptide of SEQ ID NO: 377; lacking its associated signal peptide;
 - (c) the amino acid sequence of the polypeptide encoded by the full-length coding sequence of the cDNA deposited under ATCC accession number 203092;
- wherein said polypeptide induces chondrocyte redifferentiation.